

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Previously presented) An implantable device for preventing sudden cardiac death, comprising:

a housing configured for implantation in a patient;

energy delivery circuitry provided in the housing, the energy delivery circuitry configured to deliver only two forms of cardiac therapy, the two forms of cardiac therapy comprising a non-physiologic, life sustaining pacing therapy and a therapy to treat a tachyarrhythmia;

detection circuitry provided in the housing, the detection circuitry configured to detect cardiac rhythms;

a lead system comprising one or more lead electrodes, the lead system coupled to the energy delivery circuitry and the detection circuitry; and

control circuitry provided in the housing and coupled to the energy delivery circuitry and the detection circuitry, the control circuitry configured to coordinate delivery of the tachyarrhythmia therapy in response to the detection of a tachyarrhythmia requiring treatment and delivery of the non-physiologic, life sustaining pacing therapy in response to detection of cardiac asystole, wherein the non-physiologic, life sustaining pacing therapy comprises delivery of pacing pulses at a rate between 5-20 pulses per minute.

2. (New) The device of claim 1, wherein the tachyarrhythmia therapy comprises a single therapy to treat cardiac fibrillation.

3. (New) The device of claim 1, wherein the pacing therapy comprises a single pacing therapy to treat the cardiac asystole.

4. (New) The device of claim 1, wherein the tachyarrhythmia therapy comprises a single therapy to treat cardiac fibrillation, and the pacing therapy comprises a single pacing therapy to treat the cardiac asystole.
5. (New) The device of claim 1, wherein the pacing therapy comprises a single pacing therapy to treat the cardiac asystole, and the tachyarrhythmia therapy comprises a first therapy to treat cardiac fibrillation and a second therapy to treat a tachycardia.
6. (New) The device of claim 1, wherein the tachyarrhythmia therapy comprises a therapy to treat a tachycardia.
7. (New) The device of claim 1, wherein the tachyarrhythmia therapy comprises an anti-tachycardia pacing therapy.
8. (New) The device of claim 1, wherein the tachyarrhythmia therapy comprises a therapy to treat cardiac fibrillation.
9. (New) The device of claim 1, wherein the tachyarrhythmia therapy comprises a monophasic defibrillation therapy.
10. (New) The device of claim 1, wherein the tachyarrhythmia therapy comprises a biphasic defibrillation therapy.
11. (New) The device of claim 1, wherein the tachyarrhythmia therapy comprises a therapy to treat tachycardia and a therapy to treat cardiac fibrillation.
12. (New) The device of claim 1, wherein the energy delivery circuitry comprises a capacitor circuit and the tachyarrhythmia therapy comprises a defibrillation therapy and a

cardioversion therapy, the cardioversion therapy delivered prior to or during charging of a capacitor of the capacitor circuit.

13. (New) The device of claim 1, wherein at least some of the lead electrodes are configured for intrathoracic placement.

14. (New) The device of claim 1, wherein one or more of the lead electrodes are configured for subcutaneous non-intrathoracic placement.

15. (New) The device of claim 1, wherein the housing comprises a housing electrode.

16. (New) The device of claim 1, wherein the control circuitry coordinates delivery of pacing pulses having pulse widths of between about 10 ms and about 30 ms.

17. (New) The device of claim 1, wherein the control circuitry coordinates delivery of pacing pulses each having pulse widths of between about 0.06 ms and about 2 ms.

18. (New) The device of claim 1, wherein the control circuitry coordinates delivery of pacing pulses at a progressively increasing rate over a predetermined duration of time.

19. (New) The device of claim 1, wherein the control circuitry coordinates delivery of pacing pulses at a progressively decreasing rate over a predetermined duration of time.

20. (New) The device of claim 1, wherein the control circuitry coordinates delivery of pacing pulses at a substantially constant rate over a predetermined duration of time.